

Chain ROC_RP_NW contains:
 TW1240 CUR TW1200 CUR TW1210 CUR TW1220 CUR TW1230 TW1250

Beginning chain ROC_RP_NW description
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Point TW1240 N 2,112,606.0060 E 2,612,673.9689 Sta 10+00.00
 Course from TW1240 to PC TW1200 S 1° 29' 24" W Dist 147.0485'

Curve Data

Curve TW1200
 P.I. Station 12+73.09 N 2,112,333.0116 E 2,612,666.8676
 Delta = 2° 29' 24" (RT)
 Degree = 0° 59' 17"
 Tangent = 126.0382'
 Length = 252.0367'
 Radius = 5,799.1705'
 External = 1.3695'
 Long Chord = 252.0169'
 Mid. Ord. = 1.3692'
 P.C. Station 11+47.05 N 2,112,459.0072 E 2,612,670.1451
 P.T. Station 13+99.09 N 2,112,207.2774 E 2,612,658.1191
 C.C. N 2,112,609.8064 E 2,606,872.9356

Course from PT TW1200 to PC TW1210 S 4° 20' 33" W Dist 56.2160'

Curve Data

Curve TW1210
 P.I. Station 15+59.45 N 2,112,047.3696 E 2,612,645.9760
 Delta = 16° 52' 23" (RT)
 Degree = 8° 09' 33"
 Tangent = 104.1522'
 Length = 206.7968'
 Radius = 702.2192'
 External = 7.6818'
 Long Chord = 206.0504'
 Mid. Ord. = 7.5987'
 P.C. Station 14+55.30 N 2,112,151.2228 E 2,612,653.8624
 P.T. Station 16+62.10 N 2,111,950.2764 E 2,612,608.2854
 C.C. N 2,112,204.3952 E 2,611,953.6592

Course from PT TW1210 to PC TW1220 N 21° 13' 23" E Dist 0.0000'

Curve Data

Curve TW1220
 P.I. Station 17+86.28 N 2,111,834.8175 E 2,612,562.5731
 Delta = 19° 57' 48" (RT)
 Degree = 8° 07' 14"
 Tangent = 124.1788'
 Length = 245.8398'
 Radius = 705.5723'
 External = 10.8442'
 Long Chord = 244.5982'
 Mid. Ord. = 10.6801'
 P.C. Station 16+62.10 N 2,111,950.2764 E 2,612,608.2854
 P.T. Station 19+07.94 N 2,111,741.9035 E 2,612,480.1878
 C.C. N 2,112,210.0095 E 2,611,952.2587

Course from PT TW1220 to PC TW1230 S 41° 33' 46" W Dist 310.4355'

Curve Data

Curve TW1230
 P.I. Station 23+32.34 N 2,111,424.3551 E 2,612,198.6228
 Delta = 28° 07' 20" (LT)
 Degree = 12° 35' 31"
 Tangent = 113.9651'
 Length = 223.3357'
 Radius = 455.0198'
 External = 14.0549'
 Long Chord = 221.1006'
 Mid. Ord. = 13.6337'
 P.C. Station 22+18.37 N 2,111,509.6269 E 2,612,274.2319
 P.T. Station 24+41.71 N 2,111,313.5114 E 2,612,172.1330
 C.C. N 2,111,207.7477 E 2,612,614.6905

Course from PT TW1230 to TW1250 S 13° 26' 26" W Dist 153.6760'

Point TW1250 N 2,111,164.0443 E 2,612,136.4130 Sta 25+95.39

Ending chain ROC_RP_NW description
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Chain VCENTER contains:
 VCEN1 CUR VCEN1 CUR VCEN2 VCEN5

Beginning chain VCENTER description
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Point VCEN1 N 2,119,437.6472 E 2,612,166.8834 Sta 30+64.67

Course from VCEN1 to PC VCEN1 S 52° 56' 08" E Dist 221.9430'

Curve Data

Curve VCEN1
 P.I. Station 34+05.30 N 2,119,232.3465 E 2,612,438.6892
 Delta = 29° 02' 00" (RT)
 Degree = 12° 30' 00"
 Tangent = 118.6840'
 Length = 232.2670'
 Radius = 458.3660'
 External = 15.1161'
 Long Chord = 229.7900'
 Mid. Ord. = 14.6335'
 P.C. Station 32+86.62 N 2,119,303.8790 E 2,612,343.9844
 P.T. Station 35+18.88 N 2,119,123.8409 E 2,612,486.7769
 C.C. N 2,118,938.1226 E 2,612,067.7207

Curve Data

Curve VCEN2
 P.I. Station 36+67.05 N 2,118,988.3846 E 2,612,546.8087
 Delta = 21° 57' 07" (RT)
 Degree = 7° 30' 00"
 Tangent = 148.1629'
 Length = 292.6920'
 Radius = 763.9440'
 External = 14.2351'
 Long Chord = 290.9051'
 Mid. Ord. = 13.9747'
 P.C. Station 35+18.88 N 2,119,123.8409 E 2,612,486.7769
 P.T. Station 38+11.58 N 2,118,840.3075 E 2,612,551.8507
 C.C. N 2,118,814.3104 E 2,611,788.3492

Course from PT VCEN2 to VCEN5 S 1° 57' 01" E Dist 1,350.0000'

Point VCEN5 N 2,117,491.0894 E 2,612,597.7914 Sta 51+61.58

Ending chain VCENTER description
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Chain VCENTER_A contains:
 VC01 CUR VC01 CUR VC02 CUR VC03 VC06

Beginning chain VCENTER_A description
 =====

Point VC01 N 2,121,404.5085 E 2,612,542.8684 Sta 0+00.00

Course from VC01 to PC VC01 S 2° 14' 10" W Dist 760.0799'

Curve Data

Curve VC01
 P.I. Station 8+63.13 N 2,120,542.0389 E 2,612,509.1897
 Delta = 15° 21' 51" (RT)
 Degree = 7° 30' 00"
 Tangent = 103.0469'
 Length = 204.8574'
 Radius = 763.9440'
 External = 6.9186'
 Long Chord = 204.2442'
 Mid. Ord. = 6.8565'
 P.C. Station 7+60.08 N 2,120,645.0074 E 2,612,513.2105
 P.T. Station 9+64.94 N 2,120,443.8158 E 2,612,478.0306
 C.C. N 2,120,674.8160 E 2,611,749.8483

Curve Data

Curve VC02
 P.I. Station 10+55.88 N 2,120,357.1331 E 2,612,450.5323
 Delta = 26° 47' 00" (RT)
 Degree = 15° 00' 00"
 Tangent = 90.9399'
 Length = 178.5556'
 Radius = 381.9720'
 External = 10.6763'
 Long Chord = 176.9343'
 Mid. Ord. = 10.3860'
 P.C. Station 9+64.94 N 2,120,443.8158 E 2,612,478.0306
 P.T. Station 11+43.49 N 2,120,292.1411 E 2,612,386.9233
 C.C. N 2,120,559.3159 E 2,612,113.9394

Curve Data

Curve VC03
 P.I. Station 12+93.11 N 2,120,185.2172 E 2,612,282.2748
 Delta = 61° 58' 37" (RT)
 Degree = 23° 00' 00"
 Tangent = 149.6130'
 Length = 269.4643'
 Radius = 249.1120'
 External = 41.4751'
 Long Chord = 256.5179'
 Mid. Ord. = 35.5554'
 P.C. Station 11+43.49 N 2,120,292.1411 E 2,612,386.9233
 P.T. Station 14+12.96 N 2,120,227.3606 E 2,612,138.7199
 C.C. N 2,120,466.3854 E 2,612,208.8905

Course from PT VC03 to VC06 N 73° 38' 22" W Dist 192.7880'

Point VC06 N 2,120,281.6656 E 2,611,953.7384 Sta 16+05.75

Ending chain VCENTER_A description
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	USER NAME = USERNAME	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING HORIZONTAL & VERTICAL CONTROL				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = #FILE#	DRAWN - BSL	REVISED -		SCALE: N/A	SHEET NO.	OF	SHEETS	STA.	TO STA.	90	(X2-1) R	WINNEBAGO
	PLOT SCALE = 50.0000' / IN.	CHECKED - PDS	REVISED -						CONTRACT NO. 64C29				
	PLOT DATE = 10/19/2011	DATE - 10-21-2011	REVISED -						[ILLINOIS] FED. AID PROJECT				